

WHAT IS CLAIMED IS:

1
2 1. A single-direction operation type ratchet wrench structure,
3 comprising:

4 an elongated handle having one end provided with a socket end, and
5 a ratchet wheel mounted in the socket end and operated in one direction only;
6 and

7 an identification portion mounted on the handle, and mating with a
8 rotation direction of the single-direction operation type ratchet wrench
9 structure for locking or unlocking a workpiece, so that when a user holds the
10 handle of the single-direction operation type ratchet wrench structure, he may
11 directly identify the correct rotation direction for locking or unlocking the
12 workpiece by the location and the direction of the identification portion on the
13 handle.

14 2. The single-direction operation type ratchet wrench structure in
15 accordance with claim 1, wherein the identification portion is provided with
16 concave streaks.

17 3. The single-direction operation type ratchet wrench structure in
18 accordance with claim 1, wherein the identification portion is provided with
19 convex streaks.

20 4. The single-direction operation type ratchet wrench structure in
21 accordance with claim 1, wherein the identification portion is bonded on the
22 handle.

23 5. The single-direction operation type ratchet wrench structure in
24 accordance with claim 1, wherein the identification portion includes multiple

1 serially arranged upper oblique streaks each directed toward a direction
2 opposite to the socket end of the handle.

3 6. The single-direction operation type ratchet wrench structure in
4 accordance with claim 1, wherein the identification portion includes multiple
5 serially arranged lower oblique streaks each directed toward the direction of
6 the socket end of the handle.

7 7. The single-direction operation type ratchet wrench structure in
8 accordance with claim 1, wherein the identification portion includes multiple
9 serially arranged serrated teeth formed on a side end face of the handle, thereby
10 increasing the user's touch sensation.

11 8. The single-direction operation type ratchet wrench structure in
12 accordance with claim 7, wherein the serrated teeth of the identification
13 portion are distributed along the entire side end face of the handle, thereby
14 increasing the user's touch sensation.

15 9. The single-direction operation type ratchet wrench structure in
16 accordance with claim 1, wherein the identification portion includes multiple
17 intermittently arranged oblique streaks formed on a side edge of the handle,
18 thereby increasing the user's touch sensation.

19 10. The single-direction operation type ratchet wrench structure in
20 accordance with claim 1, wherein the identification portion includes multiple
21 serially arranged arrow-shaped streaks formed on a side edge of the handle,
22 thereby increasing aesthetic quality of the single-direction operation type
23 ratchet wrench structure.

1 11. The single-direction operation type ratchet wrench structure in
2 accordance with claim 7, wherein the serrated teeth of the identification
3 portion are distributed along the entire side end face of the handle, thereby
4 increasing the user's touch sensation, and the identification portion includes an
5 arrow-shaped streak formed on the surface of the socket end of the handle,
6 thereby facilitating the user identifying the direction of operation of the socket
7 end of the handle.

8 12. The single-direction operation type ratchet wrench structure in
9 accordance with claim 1, wherein the identification portion includes multiple
10 serially arranged serrated teeth formed on a side end face of the handle, thereby
11 increasing the user's touch sensation, and the identification portion includes an
12 arrow-shaped streak formed on the handle and located adjacent to the socket
13 end of the handle, thereby facilitating the user identifying the direction of
14 operation of the socket end of the handle.